

GUIDELINE	PERFORMANCE	EXCEPTIONS & DEVIATIONS
<p>1. Operator Responsibilities</p> <ul style="list-style-type: none"> <li>Operators should be able to recognize out-of-specification process parameters, adverse trends, and be familiar with corrective actions.</li> </ul>	<p>1. Operator Responsibilities</p> <ul style="list-style-type: none"> <li>Operators are trained to respond to out-of-specification process parameters and adverse trends. See <a href="#">OPM 10.1</a>, Occurrence Reporting, and <a href="#">OPM 6.1.2</a>, Response to Chipmunk Interlocks. A <a href="#">Call-in-List</a> of system experts is maintained and, if necessary, operators will shut down the system or the entire program in order to maintain a safe status.</li> </ul>	<p>1. Operator Responsibilities</p> <ul style="list-style-type: none"> <li>None.</li> </ul>
<p>2. Operator Knowledge</p> <p>Operators should be knowledgeable of processes and safety that affect operation and should be able to analyze off-normal situations and take action to correct the causes. Examples of process information include:</p> <ul style="list-style-type: none"> <li>Water pH, and conductivity</li> <li>Hazards associated with chemical storage</li> <li>Properties and hazards of such gases as hydrogen, nitrogen, carbon dioxide, chlorine, and halon</li> <li>Water-treatment equipment use</li> <li>Knowledge of operating limits, characteristics of off-normal and unique processes, and associated response and recovery conditions</li> </ul>	<p>2. Operator Knowledge</p> <p>Operators are knowledgeable of processes and safety that affect operation and are able to analyze off-normal situations and take action to correct the causes. Examples of process information include:</p> <ul style="list-style-type: none"> <li>Cooling system parameters,</li> <li>Hazards associated with chemical storage (see <a href="#">OPM 1.8</a>, Hazard Communication)</li> <li>Properties and hazards of gases (see <a href="#">OPM 8.11.4</a>, Procedure for a Liquid Hydrogen Emergency, <a href="#">OPM 8.13.3</a>, Introduction of Explosive Gas Into the Experimental Area, <a href="#">OPM 8.14</a>, Confined Space Entry Procedure, and <a href="#">OPM 8.12.2</a>, Securing Explosive Gas Devices From Operation)</li> <li>Knowledge of cooling towers, evaporative coolers and water treatment systems (see <a href="#">OPM 8.8.1</a>, General Water Treatment and <a href="#">OPM 8.18.3</a>, De-ionizer Regeneration)</li> <li>Knowledge of operating limits (see <a href="#">OPM 2.5</a>, Operations Safety Limits), characteristics of off-normal and unique processes, and associated response and recovery conditions (see <a href="#">OPM 10.2</a>, Response to Water Spills).</li> </ul>	<p>2. Operator Knowledge</p> <ul style="list-style-type: none"> <li>None.</li> </ul>

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3. Operator Response to Process Problems <ul style="list-style-type: none"><li>Operators should be capable of making the appropriate responses to process conditions.</li></ul>	3. Operator Response to Process Problems <ul style="list-style-type: none"><li>Operators are trained to make appropriate responses to process conditions. See, for example, and <a href="#">OPM 6.1.3</a>, Response to Chipmunk Alarms, and <a href="#">TVDG OPM 10014</a>, Emergency Stop Activation Response.</li></ul>	3. Operator Response to Process Problems <ul style="list-style-type: none"><li>None.</li></ul>
4. Communication Between Operators & Process Personnel <ul style="list-style-type: none"><li>Operators should receive reports from, and communicate with, process personnel about important process matters.</li></ul>	4. Communication Between Operators & Process Personnel <ul style="list-style-type: none"><li>Operators of unique processes report to the Operations Coordinator in the MCR. See <a href="#">OPM 2.1</a>, "AGS Operations Organization and Administration." Shift logs and Trouble Reports are used to communicate important process matters (see <a href="#">Accelerator Operations</a>).</li></ul>	4. Communication Between Operators & Process Personnel <ul style="list-style-type: none"><li>None.</li></ul>